DIRIS Digiware 2018 demo case

Quick start guide

socomec
Innovative Power Solutions

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1) Demo case - list of devices

Product part no	Product description	Quantity
48290120	Alimentation 24VDC P15	1
48290202	DIRIS Digiware D-70	1
DIRIS Digiware AC		
48290102	DIRIS Digiware U-30	1
48290130	DIRIS Digiware I-35	2
48290161	DIRIS Digiware S-135	1
48290140	DIRIS Digiware IO-10	1
48290145	DIRIS Digiware IO-20	1
48290101	DIRIS Digiware C-31	1
22003000	SIRCO M Switch	1
22990001	Auxiliary contact SIRCO M	1
DIRIS Digiware DC		
48290151	DIRIS Digiware U-32dc	1
48290157	DIRIS Digiware I-35dc	2
DIRIS A-40		
48250501	DIRIS A-40 Ethernet	1
Cables		
48290189	RJ45 cable 0.06m	6
48290181	RJ45 cable 0.10m	2
48290188	RJ45 cable 0.20m	1
48290182	RJ45 cable 0.50m	3
48290581	RJ12 cable 3 x 0.20m	1
48290783	RJ12 Molex cable 3 x 0.50m	1
AC sensors		
48290500	TE-18 solid-core sensor	3
48290503	TE-35 solid-core sensor	1
48290504	TE-45 solid-core sensor	1
48290555	TR-10 split-core sensor	1
48290558	TR-32 split-core sensor	1
48290570	TF-55 Rogowski flexible sensor	1
DC sensors		
48290700	DC Solid-core sensor 50A	1
48290750	DC Split-core sensor 50A	1

2) Demo case general presentation

Front plate: DIRIS Digiware AC & DC, DIRIS A-40

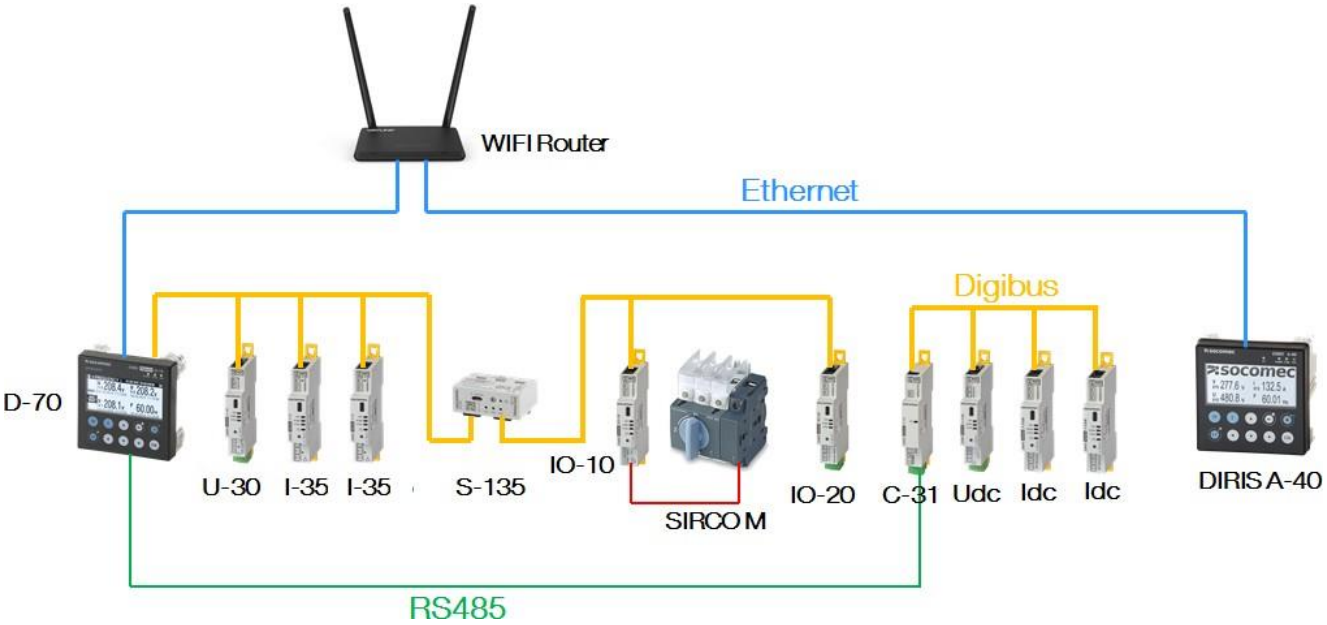
Inside : AC and DC sensors, Power supplies and router

- The new demo case enables sales people to present the Digiware system quickly and efficiently. All products are pre connected so that no time is wasted putting the system together during customer visits.
- A demo firmware is integrated into the DIRIS Digiware D-70, enabling historical measurements, load curves and consumption curves to be visualized on WEBVIEW.
- A WIFI router is connected to the Digiware system inside the demo case so that WEBVIEW can be accessed from your laptop over WIFI (no need to use SNAC).
- The goal is to explain and to show the benefits of the DIRIS DIGIWARE range and to show what WEBVIEW can do.

The demo case is not intended to lend devices to customers as the products inside may not be functional to perform real measurements.

3) System diagram

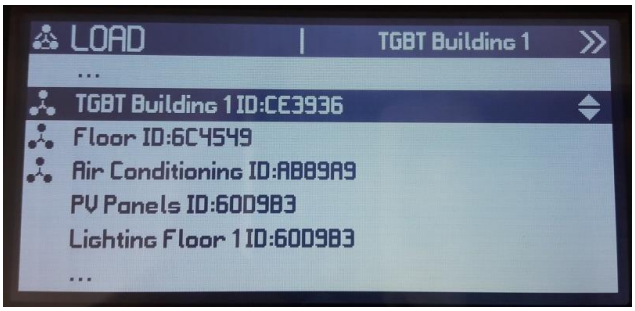
The following system is wired inside the Digiware demo case:



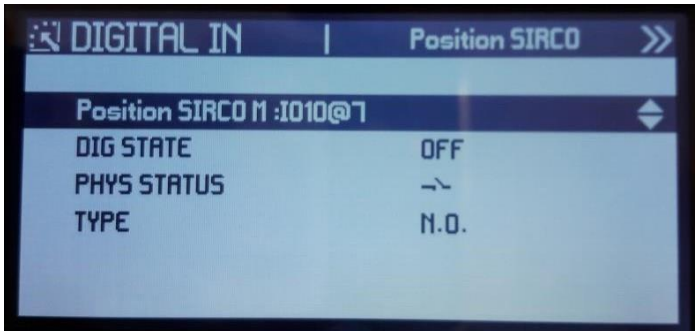
4) Powering on the demo case

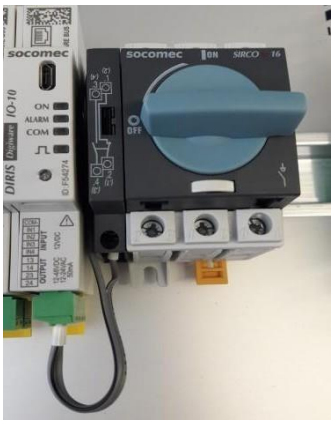
The demo case is powered on by connecting the power cord (included with the demo case) to the power entry module.

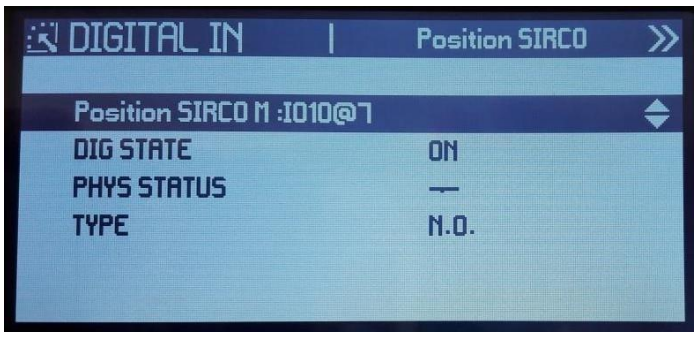
The Digiware system is already wired, the modules are already configured and the auto discovery has been done so all devices along with their respective AC or DC loads are accessible from the D-70 display:



The Aux contact of the SIRCO M is connected to the 1st input of the IO-10. The position of the SIRCO M can be displayed in real time on the D-70 via the INPUTS/OUTPUTS menu:







Explain that DIRIS Digiware S or iTR sensors enable the same feature without any wiring, using the VirtualMonitor technology, thanks to the voltage detection.

5) WEBVIEW demonstration

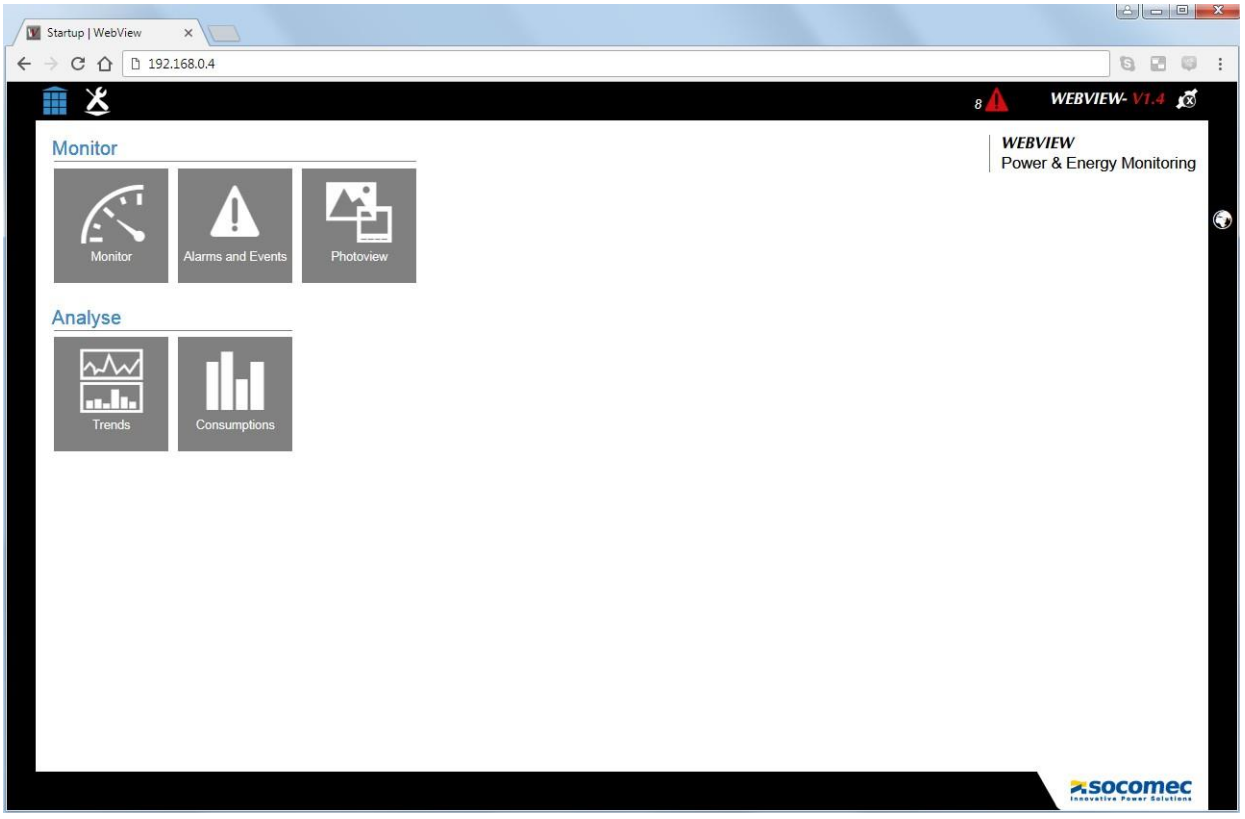
- Connecting to the router:

On your laptop, select the Digiware demo case from the network list. The password is labelled on the router (**Socomec-digiware**).

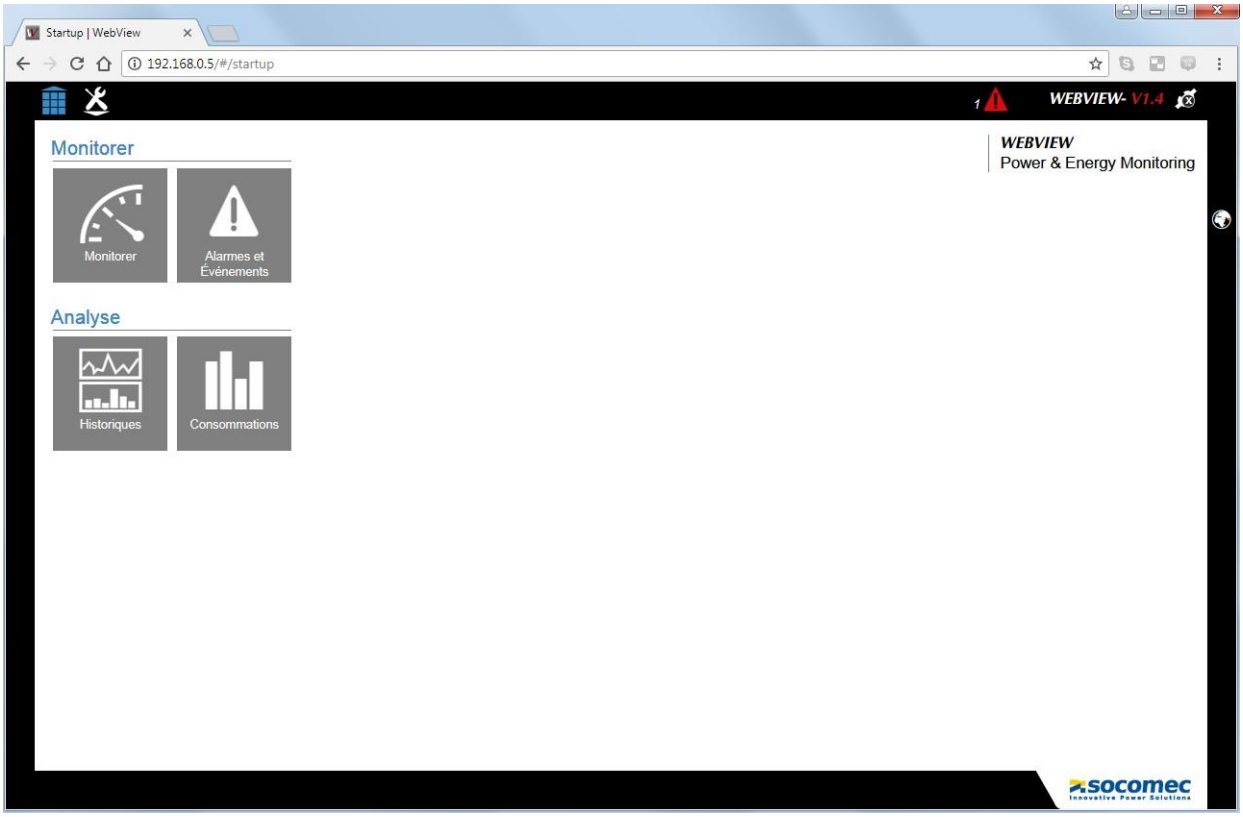
- Connecting to WEBVIEW:

Once connected to the router, you can connect to WEBVIEW-M on the D-70 or WEBVIEW-S on the DIRIS A-40.

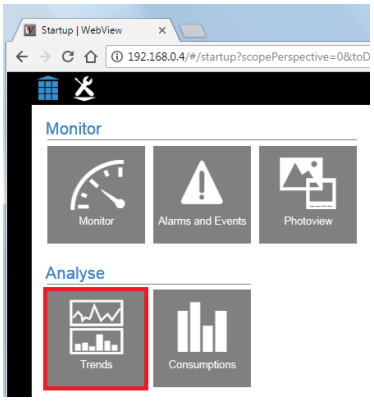
For WEBVIEW-M, enter the IP address of the D-70 (192.168.0.4) in your web browser:

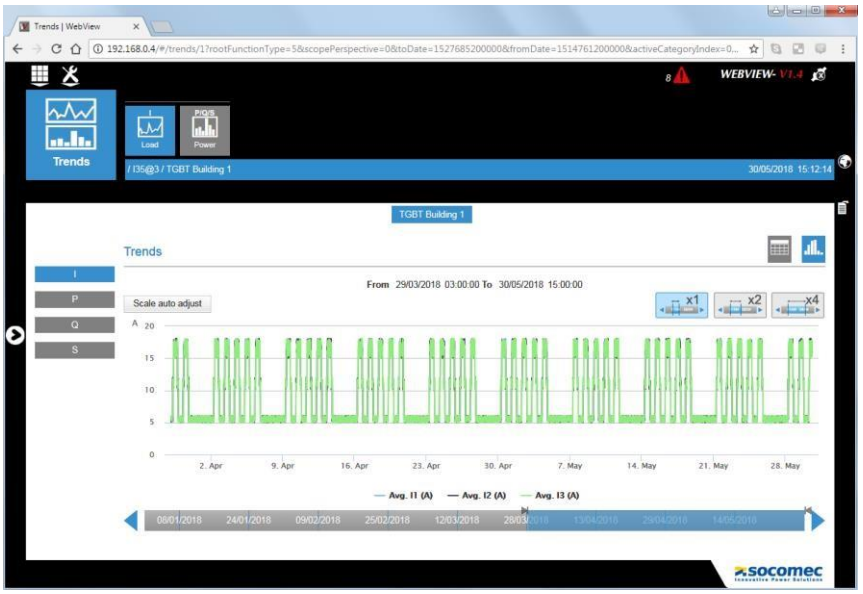


For WEBVIEW-S, enter the IP address of the DIRIS A-40 (192.168.0.5) in your web browser:

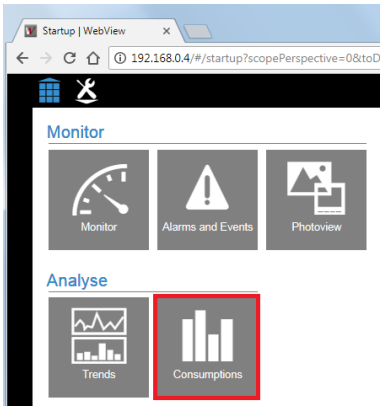


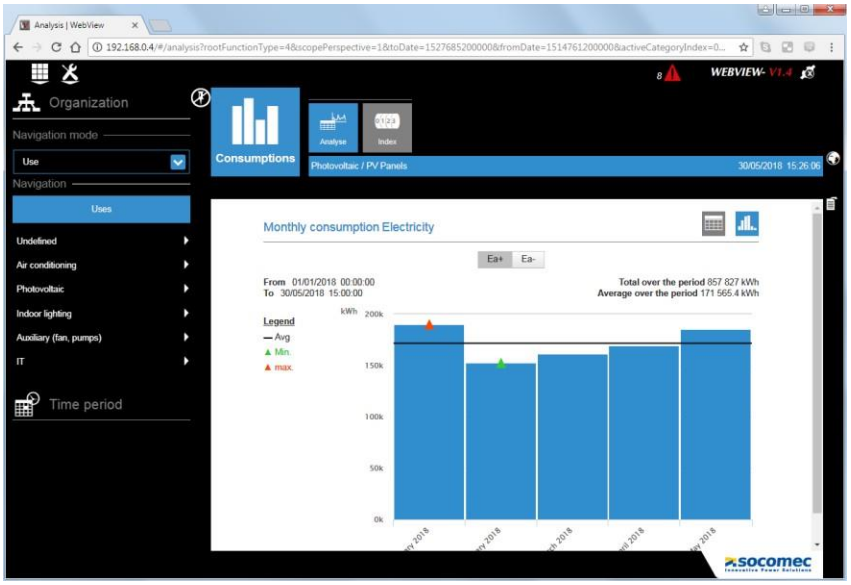
- Visualizing historical measurements, load curves / demand profiles:



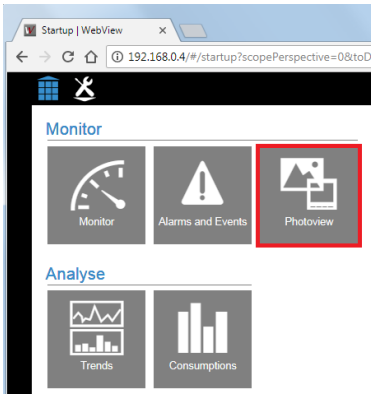


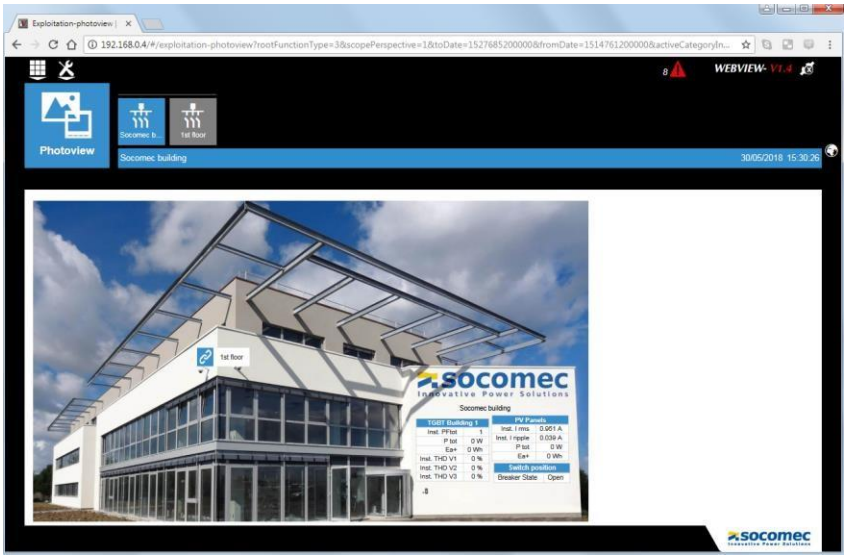
- Visualizing consumption curves:





- Accessing Photoview:





- Alarms and events: